

ABSTRACT

An apparatus including a base having a first opening of a dimension suitable to pass a light emission therethrough, a first side wall coupled to the base and having a second opening of a dimension suitable to pass a light emission therethrough, a second side wall coupled to the base and having a reflective component thereon, and the base, the first side wall, and the second side wall define an interior chamber with the reflective component disposed in the interior chamber; and a fiber connector extending from an exterior of the first side wall adjacent the second opening. A method including powering a laser disposed in a substrate coupling a fiber optic cable to an optical subassembly; and aligning the optical assembly over the transceiver board to capture the emitted light from the laser in the fiber optic cable.